



TROPICAL CYCLONE BULLETIN NO. 2
Tropical Depression ROSAL

Issued at 5:00 PM, 10 December 2022

Valid for broadcast until the next bulletin at 11:00 PM today

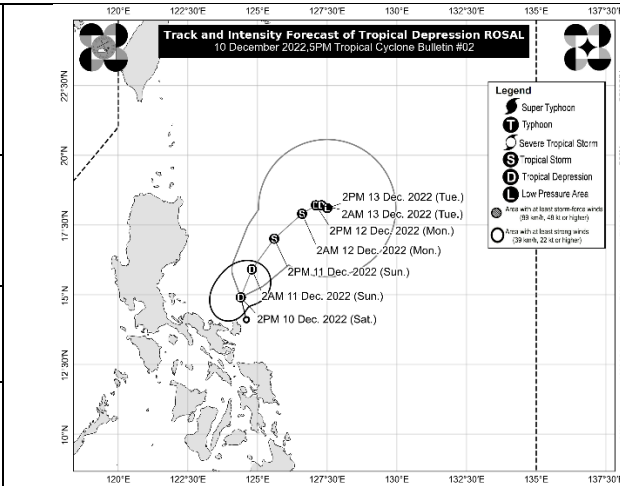
“ROSAL” MAINTAINS ITS STRENGTH WHILE MOVING NORTH NORTHWESTWARD OVER THE PHILIPPINE SEA EAST OF QUEZON

Location of Center (4:00 PM):
 The center of Tropical Depression “ROSAL” was estimated based on all available data at **285 km East of Infanta, Quezon (15.1°N, 124.3°E)**

Intensity:
 Maximum sustained winds of **45 km/h** near the center, gustiness of up to **55 km/h**, and central pressure of **1004 hPa**

Present Movement:
North northwestward at 15 km/h

Extent of Tropical Cyclone Winds:
Strong winds extend outwards up to **150 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 AM 11 December 2022	15.9	124.8	340 km East of Baler, Aurora	55	TD	NNE 10
24-Hour Forecast 2:00 PM 11 December 2022	17.0	125.6	415 km East of Tuguegarao City, Cagayan	65	TS	NE 10
36-Hour Forecast 2:00 AM 12 December 2022	17.9	126.6	515 km East of Tuguegarao City, Cagayan	65	TS	NE 10
48-Hour Forecast 2:00 PM 12 December 2022	18.2	127.1	580 km East of Aparri, Cagayan	55	TD	ENE Slowly
60-Hour Forecast 2:00 AM 13 December 2022	18.2	127.3	600 km East of Aparri, Cagayan	45	TD	Almost Stationary
72-Hour Forecast 2:00 PM 13 December 2022	18.1	127.5	620 km East of Aparri, Cagayan	-	LOW	Almost Stationary

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	The northern portion of Catanduanes (Pandán, Gigmoto, Bagamanoc, Panganiban, Viga, Caramoran) Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property	-	-
Tropical Cyclone Wind Signals in other areas are hereby lifted			

Prepared by: SMRR

Checked by: SFD



TROPICAL CYCLONE BULLETIN NO. 2

Tropical Depression ROSAL

Issued at 5:00 PM, 10 December 2022

Valid for broadcast until the next bulletin at 11:00 PM today

HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- *Today:* Moderate to heavy with at times intense rains possible over Bicol Region and Quezon. Moderate to heavy rains possible over MIMAROPA and Western Visayas. Light to moderate with at times heavy rains likely over Aurora and the rest of CALABARZON and Visayas.
- *Tomorrow:* Light to moderate with at times heavy rains over Bicol Region, MIMAROPA, Western Visayas, and Quezon.
- Under these conditions, **flooding and rain-induced landslides are expected**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.

Severe Winds

- Areas under Tropical Cyclone Wind Signal no. 1 may experience strong winds (strong breeze to near gale strength) associated with Tropical Depression "ROSAL".
- In the next 24 hours, occasional gusts associated with the Northeast Monsoon may also be experienced (especially in the coastal and mountainous areas) over Batanes, Babuyan Islands, Apayao, and the northern portions of Ilocos Norte and Cagayan.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of the Northeast Monsoon, a **marine gale warning** is in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #23 issued at 5:00 PM today.
- In the next 24 hours, the combined effects of the surge of the Northeast Monsoon and the tropical cyclone may also bring **moderate to rough seas** (1.2 to 3.0 m) over the seaboard of Central Luzon and the eastern and western seaboard of Southern Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Tropical Depression "ROSAL" is forecast to decelerate while moving north northwestward or northward in the near-term before turning northeastward for the remainder of the forecast period.
- "ROSAL" is forecast to intensify while moving over the Philippine Sea and may reach tropical storm in the next 24 hours. However, due to the interaction with the Northeast Monsoon, the tropical cyclone may weaken into tropical depression on Monday and become a remnant low on Tuesday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

Page 2 of 2

Prepared by:  **SMRR**

Checked by:  **SFD**